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ABSTRACT

The South Carolina Commission on Higher Education submits its report on significant events of the last year and reports briefly on the following: (1) enrollment information for the colleges and universities; (2) establishment of the Student Intern Program of S.C. designed to utilize qualified college and university students on specific projects of importance in state and local government; (3) state appropriations for colleges and universities; (4) coordination, with the State Department of Education, of a program of in-service training for elementary and secondary school teachers; (5) progress toward further implementation of a statewide management information system; (6) activities of the Computer Advisory Committee; (7) coordination of the Charleston Consortium and its efforts to promote inter-institutional cooperation in the Charleston area; (8) new academic degree programs approved by the Commission at the diploma, associate, baccalaureate, masters, first professional, and doctorate levels; (9) financial aid programs administered by the Commission; (10) developments in planning capital improvements; (11) establishment by the CHE of the Advisory Committee on Marine Science to coordinate the marine science activities of the various institutions of the state; and (12) establishment of a statewide nursing committee under the auspices of the Commission to study nursing education in South Carolina. (Author/HS)

ED 066116

Annual Report

of the

SOUTH CAROLINA COMMISSION ON HIGHER EDUCATION

January, 1972

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Printed Under the Direction of the
State Budget and Control Board

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SOUTH CAROLINA COMMISSION ON HIGHER EDUCATION

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JAMES A. MORRIS
COMMISSIONER

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TO: His Excellency, Governor John C. West, Chairman, State Budget and Control Board and the Members of the South Carolina General Assembly

The South Carolina Commission on Higher Education herewith respectfully submits for your consideration this Annual Report which briefly outlines the activities of the Commission and its staff.

As you well know, the Commission has completed a comprehensive study of higher education in South Carolina and this report, "Goals for Higher Education to 1980," is submitted under separate cover. To eliminate duplication, the Annual Report, herein submitted, does not include those activities or recommendations of the Commission found in the "Goals" report.

Yours sincerely,

James A. Morris

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INTRODUCTION

The South Carolina Commission on Higher Education, established by action of the General Assembly in 1967, was created as the agency of State government specializing in higher education.

The Commission's primary concern is the strengthening of all the State's institutions of higher learning, to the end that quality education and training beyond high school may be available to every citizen who desires it and can be expected to profit from it. It is a coordinating body which must rely primarily on logical persuasion to gain cooperation and support.

The functions of the Commission are determined by the General Assembly and include the following:

1. *To make studies* regarding roles, operations, structure and external relations of South Carolina institutions of higher education.

2. *To submit recommendations* as may be desirable to the Budget and Control Board and General Assembly regarding policies, programs, curricula, facilities, administration and financing of the state-supported institutions of higher education.

3. *To review annual budgets* of the state-supported institutions of higher education and submit recommendations to the Budget and Control Board and the General Assembly. Capital budgets also are reviewed by the Commission.

4. *To approve all new programs* before they are undertaken by any state-supported institution of higher education unless approved by the General Assembly.

The activities outlined in this report are major, complex, and time consuming in nature, administered by a staff which is small in comparison to other states. In addition to the major functions mentioned above, the Commission staff answers inquiries from the State and nation on our institutions of higher learning, provides brief reports on higher education for members of the General Assembly and the Governor, and cooperates with other national and regional higher education agencies.

SUMMARY

The Commission on Higher Education submits its report on significant events of the last year and reports briefly on the following:

1. Enrollment information for the colleges and universities.
2. Establishment of the Student Intern Program of S. C. designed to utilize qualified college and university students on specific projects of importance in State and local government.
3. State appropriations for the colleges and universities.
4. Coordination, with the State Department of Education, of a program of in-service training for elementary and secondary school teachers.
5. Progress toward further implementation of a statewide management information system.
6. Activities of the Computer Advisory Committee.
7. Coordination of the Charleston Consortium and its efforts to promote inter-institutional cooperation in the Charleston area.
8. New academic degree programs approved by the Commission at the diploma, associate, baccalaureate, masters, first professional, and doctorate levels.
9. Financial aid programs administered by the Commission.
10. Developments in planning capital improvements.
11. Establishment by the CHE of the Advisory Committee on Marine Science to coordinate the marine science activities of the various institutions in the state.
12. Establishment of a statewide nursing committee under the auspices of the Commission, to study nursing education in South Carolina.

ENROLLMENTS . . .

Fall full-time enrollment at all South Carolina colleges and universities increased to more than 56,000 students in 1971, up by 9.6% over the previous year's figure. Enrollment in the public sector was up by 14.3%, to 34,692; and in the private sector by 2.4%, to 21,490.

Fall full-time enrollment data for each campus are shown in Tables 1 and 2.

The more rapid increase in enrollment within the public sector continues a trend established in recent years, with the result that nearly 62% of all full-time students are in the public sector (Table 3).

A record number of high school graduates — 11,779 — went immediately to college in 1970. They made up slightly more than 33% of the 1970 high school class. (Table 5)

TABLE 1

FULL TIME ENROLLMENTS - PUBLIC COLLEGES AND UNIVERSITIES

(Source: "Opening Fall Enrollment", Higher Education Information Survey, USOE)

Universities (Main campus only)	Fall 1971	% Change Over Fall, 1970	% Change Over Fall, 1967
Clemson University	7,293	+ 10.5%	+ 27.5%
University of S. C.	13,381	+ 14.9	N/C[1]
Subtotal	20,674	+ 13.3	N/C
UNIVERSITY BRANCHES AND CENTERS			
U. S. C.			
Aiken	572	+ 97.2	+ 80.4
Allendale	149	+101.3	+ 46.1
Beaufort	125	+ 47.1	+ 64.5
Columbia	799	+ 21.2	(Not Available)
Conway	450	+ 32.0	+ 72.4
Lancaster	415	+ 16.3	+ 60.0
Spartanburg	510	+ 34.2	+286.4
Union	201	+ 14.9	+ 40.6
Subtotal	3,221	+ 36.4	N/C[1]
CLEMSON			
Greenville	190	+ 16.6	— 18.8
Sumter	187	+ 17.6	+ 9.4
Subtotal	377	+ 17.1	— 6.9
Subtotal, Branches	3,598	+ 34.1	N/C[2]
STATE COLLEGES			
College of Charleston	1,012	+ 54.3	N/C[3]
Francis Marion	1,075	+ 61.9	N/C[4]
S. C. State	1,820	+ 7.1	+ 21.9
The Citadel	2,141	+ 2.3	— 2.9
Winthrop	3,340	+ 0.5	+ 10.9
Subtotal	9,388	+ 11.3	N/C
PROFESSIONAL SCHOOLS			
Medical University of S. C.	1,032	+ 4.6	+ 22.6
TOTAL ALL PUBLIC	34,692	+ 14.3	+ 36.9

NOTES:
1 Prior to 1970, Columbia (Midlands) Branch enrollments were included in Main campus.
2 Not comparable, because of 1970 inclusion of Columbia (Midlands) Branch, and phasing out of Florence.
3 Not comparable, private prior to July 1, 1970.
4 Not comparable, opened September, 1970.

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TABLE 2
FULL TIME ENROLLMENTS - NONPUBLIC COLLEGES AND UNIVERSITIES[1]

(Source: "Opening Fall Enrollment", Higher Education Information Survey, USOE)

SENIOR COLLEGES AND UNIVERSITIES	Fall, 1971	% Change Over Fall, 1970	% Change Over Fall, 1967
Allen University	440	—20.7	—40.5
Baptist at Charleston	1,227	— 8.2	N/C
Benedict	1,469	+10.5	+29.2
Bob Jones U.	3,288	+ 6.4	+14.8
Central Wesleyan	320	+28.0	+24.0
Claflin	772	— 0.3	— 4.7
Coker	388	+ 3.5	+23.6
Columbia Bible	524	+ 7.4	+23.3
Columbia	883	+ 3.9	+ 7.0
Converse	741	+ 3.8	+ 2.8
Erskine	727	— 7.3	— 2.7
Furman	1,908	+ 0.3	+22.5
Lander	777	+ 6.7	+37.8
Limestone	517	—12.8	—17.3
Morris	518	—10.7	— 9.3
Newberry	796	— 0.3	— 5.5
Presbyterian	822	+ 5.3	+19.5
Voorhees	736	+20.3	+15.7
Wofford	1,008	+ 4.6	+ 3.0
Subtotal	17,861	+ 2.0	(Incomplete)
JUNIOR COLLEGES			
Anderson	812	+13.7	+10.8
Clinton	170	+ 6.3	(Not Available)
Friendship	201	—19.6	—35.4
North Greenville	582	+11.5	+23.6
Palmer (Columbia & Charleston)	822	— 6.4	+25.5
Southern Methodist	35	—27.1	(Not Available)
Spartanburg	1 907	+22.5	+52.3
Subtotal	3,629	+ 4.6	(Incomplete)
TOTAL	21,490	+ 2.4	(Incomplete)

NOTES:
1 Full Time students are those registered for a full course load, as defined by each college or university.

TABLE 3
FULL TIME COLLEGE AND UNIVERSITY ENROLLMENTS ALL INSTITUTIONS

Sector	1962	1964	1966	1967	1968	1969	1970	1971
Public	15,808	18,161	23,067	25,345	26,555	27,461	30,346	34,692
Non Public	14,610	15,907	18,846	19,653	20,633	20,786	20,900	21,490
Total	30,418	34,068	41,913	44,998	47,188	48,247	51,246	56,182
% In Public Sector	52.0	53.3	55.0	56.2	56.3	56.9	59.2	61.8

TABLE 4
FULL TIME ENROLLMENT, FALL 1971, TECHNICAL EDUCATIONAL CENTERS[1]

(Source: State Committee for Technical Education)

CENTER	
Aiken[2]	0
Berkeley-Charleston-Dorchester	785
Chesterfield-Marlboro	218
Florence-Darlington	720
Greenville	1,334
Horry-Georgetown	393
Midlands	1,127
Orangeburg-Calhoun	703
Piedmont	385
Spartanburg	617
Sumter	357
Tri-County	408
York	412
TOTAL	7,399

NOTES:
1 Full-time as defined by State Committee for Technical Education.
2 The Aiken Center opened in 1970-71 and has only part-time students as yet enrolled.

TABLE 5

SOUTH CAROLINA HIGH SCHOOL GRADUATES
AND COLLEGE FRESHMEN

(Source: Annual "College Freshman Report", State Department of Education)

Year of Graduation From High School	No. of Graduates	No. of Grads Admitted to Freshman Class	Ratio, Freshmen to Graduates (%)	Fraction of Freshmen Enrolling Out of State (%)
1961	24,040	7,335	30.5	18.4
1962	23,552	7,466	31.7	18.6
1963	24,220	7,446	30.7	17.9
1964	27,662	9,088	32.8	17.2
1965	33,192	10,780	32.5	17.0
1966	33,624	10,383	30.9	17.4
1967	34,026	10,766	31.6	18.4
1968	33,680	11,132	33.0	17.8
1969	35,309	11,537	32.7	19.9
1970	35,734	11,779	33.0	20.7

According to the above Table, the fraction of South Carolina high school seniors who elect to go immediately on to college has not, in recent years, changed appreciably. This Table also shows, in the last column on the right, that the fraction of those going on to college who elect to go out of state has also remained relatively constant, varying between a low of 17% and a high of 21% with no pronounced trend evident.

These data are obtained from annual surveys conducted of high school principals within the State. Not counted in the survey are those students who elect to attend technical education centers.

STUDENT INTERN PROGRAM . . .

The CHE sponsored for the first time a student intern program during the summer of 1971. The Student Intern Program of South Carolina originated from a similar program conducted by the Southern Regional Education Board during the summers of 1969 and 1970. The S. C. program, designed to utilize qualified college and university students on specific projects of importance in State and local government, intended to provide financial support to the students as well as a meaningful learning experience. The Commission believes the program serves the purpose of providing relevant, meaningful educational experience for students while affording them opportunities for service and a valuable insight into career fields. Organizations are provided with temporary qualified manpower and a source

of recruitment for permanent staff needs. The intern provides another channel of communication between institutions of higher learning and the community.

The CHE, in cooperation with the State Planning and Grants Division, has been involved in this program for the last two years. During the summer of 1970, two student interns from Planning and Grants, contacted a number of State agencies, local governments, and all functional planning districts in the State. The reason for this approach was to see if these people would cooperate in the effort to establish such a program. There was tremendous interest shown by these officials and the decision was made to implement the Intern program during the summer of 1971.

The fields of employment in which interns were placed were largely dictated by the ability of the host agency to pay the complete cost of the intern. Another limiting factor is the requirement that the project be necessary to the host agency, as well as providing a service-learning experience for the student. This requirement excludes many of the "summer work" type jobs that do not challenge the student's capabilities.

In order to supply qualified students to fill the available positions, the CHE established a "contact" person at each college and university in the State. The function of this "contact" was to publicize the program and assist the Commission in finding capable undergraduates, as well as graduate students, to be involved in the program.

During the spring of 1971, students applied to the intern program giving their major field of study, other fields in which they were interested, and locations in the State where they could work for the summer months. When a position became available, qualified applicants who stated they could live or work in that location were notified of the position and requested, if interested, to arrange their own interviews with that agency. When a student was chosen by an agency, the CHE was notified and those applicants not selected were referred to other possible positions. Each agency made its own choice as to which of the candidates it would hire. The same procedure was followed until all positions were filled. In several cases, internships could not be established in the locations that the student requested, and he was so advised.

Due to the fact that the CHE's request for appropriated

funds was not approved, the agencies that employed the interns were responsible for full compensation. Those students employed under the intern program during the summer of 1971 are listed in Table 6.

In August, the interns participated in a two-day seminar sponsored by the Commission with financial support provided by the Southern Regional Education Board. The purpose of the seminar was to stress the inter-relationship of the various projects involved so that the intern would be able to see himself as part of the program as a whole rather than a separate unit of the internship effort. The purpose was also to obtain ideas from the students as to how the program might be improved and whether the program was a worthwhile endeavor.

The CHE feels that after evaluating the intern program conducted this past year, the program must be upgraded. Listed below are two priorities which need immediate attention if it is to be conducted successfully. These priorities are also supported by a special report, prepared by two interns, which will be available in early spring.

1. A full or half-time administrator should be employed to administer the program.
2. Funds should be appropriated to subsidize the interns, agencies employing interns, and faculty counselors.

The CHE has requested, in its 1972-73 budget, $30,000 for the intern program as well as funds necessary to employ a Director of Student Affairs. This director will administer the intern program, financial aid programs, and other student programs in the State.

TABLE 6
INTERNSHIPS, SUMMER, 1971

INTERN	LOCATION	INSTITUTION
Barrett, Alvin R.	Darlington, Pee Dee Regional Planning Commission	Midlands TEC
Baumgardner, Gary	Beaufort, City of Beaufort (Water Department)	Midlands TEC
Boilver, Theo Michael	Columbia, S. C. Department of Archives and History	University of South Carolina
Boyd, John Barron, Jr.	Columbia, S. C. Department of Archives and History	Southwestern at Memphis
Brannon, Susan Diane	Columbia, Department of Corrections	Winthrop
Brown, Dixon B.	Columbia, State Planning & Grants Division	Midlands TEC
Califf, Robert	Columbia, Department of Corrections	Duke University
Calloway, Joy Kathleen	Charleston, Charleston County Economic Opportunity Commission	University of South Carolina, School of Social Work
Carson, Ashmead Courtenay, III	Columbia, S. C. Department of Archives and History	Vanderbilt University
Cole, Edward R.	Columbia, State Planning and Grants Division	University of South Carolina, School of Law
Collins, Tommy L.	Columbia, Lyles, Bissett, Carlisle & Wolfe	Midlands TEC
Davis, Hutson	Columbia, Department of Corrections	University of South Carolina, School of Law
Dennis, Joe A.	Greenwood, Greenwood Public Works Department	Midlands TEC
Gordon, Tony	Greenville, S. C. Appalachian Regional Planning & Development	Midlands TEC
Gossett, Holman C.	Columbia, State Development Board	University of South Carolina, School of Law
Halligan, William F.	Columbia, State Planning & Grants Division	Davidson College
Haltiwanger, James N.	Columbia, S. C. Commission on Higher Education	University of South Carolina, School of Law
Harman, Anne Griffin	Columbia, State Development Board	University of South Carolina
Harper, Charles	Columbia, Central Midlands Planning Commission	Midlands TEC
Holmes, Charles	Columbia, State Planning & Grants Division	Allen University
Houde, Edward J.	Greenwood, Greenwood Public Works Department	Midlands TEC
Johnson, English Graham	Columbia, Department of Juvenile Corrections	Converse College
Kelly, Larry	Aiken, Lower Savannah Planning Commission	Jacksonville State College
Knight, David O., Jr.	Columbia, State Planning & Grants Division	Midlands TEC
Lake, Linda	Columbia, South Carolina Departmentt of Archives & History	Columbia College
Luman, Patricia	Columbia, Department of Parks, Recreation, & Tourism	University of South Carolina
Marshall, Robert Bruce, Jr.	Columbia, Department of Corrections	University of South Carolina, School of Law
McClure, Barbara B.	Greenville, S. C. Appalachian Regional Planning & Development	Ohio State University
McLaurin, Neal	Aiken, Lower Savannah Planning Commission	Midlands TEC
Merchant, John Michael	Columbia, Department of Corrections	Newberry College
Merrick, Richard	Greenville, S. C. Appalachian Regional Planning & Development	Clemson University
Mitchell, Jewell V.	Charleston, Charleston County Economic Opportunity Commission	Baptist College of Charleston
Morris, English G., Jr.	Columbia, Department of Corrections	University of South Carolina
Partee, Barbara Jean	Columbia, State Planning & Grants Division	Midlands TEC
Ruff, Gardenia B.	Columbia, Department of Corrections	University of South Carolina, School of Social Work
Sexton, Billy Sammy	Rock Hill, Rock Hill Model Cities Program	Winthrop College
Skinner, Wayne Stilwell	Columbia, S. C. Department of Archives & History	University of South Carolina
Smith, Stephen Harley	Columbia, Department of Corrections	University of South Carolina
Snelling, Raymond W.	Columbia, State Planning & Grants Division	Midlands TEC
Them, Peter F., III	Columbia, Department of Corrections	University of South Carolina

STATE APPROPRIATIONS FOR COLLEGES AND UNIVERSITIES . . .

State taxpayer support for academic operations of the eight public colleges and universities was $52,302,292 in 1970-71 and $64,256,195 in 1971-72. The difference of $11,953,903 represents an increase of 22.9%. During these two years full-time equivalent (FTE) student enrollments at the eight institutions increased from 34,713 to 40,029, or 15.3%.

State appropriations per student were as follows:

	1970-71 FINAL APPROPRIATIONS PER FALL 1970 FTE STUDENT	1971-72 APPROPRIATIONS PER FALL 1971 FTE STUDENT
WINTHROP COLLEGE	$1,161	$1,239
THE CITADEL	1,408	1,497
S. C. STATE COLLEGE	2,137	2,037
FRANCIS MARION COLLEGE	1,312*	1,326*
COLLEGE OF CHARLESTON	377	1,363*
UNIVERSITY OF S. C.		
Main Campus	1,247	1,401
Regional Campuses	524	600
Total USC	1,119	1,247
CLEMSON UNIV. (ACADEMIC)		
Main Campus	1,502	1,637
Regional Campuses	725	660
Total Clemson	1,463	1,584
7 COLLEGES/UNIVS.- MAIN CAMPUS	1,353 (2.6% under 1969-70)	1,483 (9.8% over 1970-71) (7.5% over 1969-70)
7 COLLEGES/UNIVS.- ALL CAMPUSES	1,274 (2.5% under 1969-70)	1,394 (9.4% over 1970-71) (6.7% over 1969-70)
MEDICAL U. OF S. C. (ACADEMIC)	8,081	7,206
8 COLLEGES/UNIVS.-	1,507 (2.0% under 1969-70)	1,605 (6.5% over 1970-71) (4.4% over 1969-70)

* Plus retained tuition

It is noteworthy that the average 1971-72 appropriation (excluding the Medical University) was $1,394 per student. This was only 6.7% higher than in 1969-70 (two years earlier). Equally noteworthy are the very large differences in the amounts appropriated per student at the various institutions. Such differences are not easily explained or justified: they provoke questions concerning the fairness of the current method of allocating higher education's share of tax funds among the colleges and universities.

As soon as reliable, current data on expenditures and revenues became available through its higher education management information system, the Commission was able to proceed with determination of an improved method of appropriating State tax funds for the institutions. Development of an equitable, objective formula began early in 1971 and was completed by summer. Using the best parts of the "formula budgeting" procedures employed in other states, along with innovations de-

signed especially to meet South Carolina needs, the Commission developed an "Appropriation Formula" suitable for use in 1972-73 and thereafter. It was tested by seven of the eight South Carolina public colleges and universities, using actual 1970-71 data, and was found by them to yield realistic results. (The Appropriation Formula has not yet been fully adapted to the academic division of the Medical University, but it is a Commission objective to accomplish this.)

Complete details of the 1972-73 Appropriation Formula are in Appendices D-I & D-II. In brief, its purpose is to allocate scarce higher education dollars among the institutions in accordance with realistic costs of instructing the students they expect to enroll. Nationally proven student faculty ratios for the various types and levels of instruction are employed along with current South Carolina average faculty salaries plus a factor for faculty support costs. To the instruction costs thereby derived are added appropriate percentages to cover libraries, plant maintenance, general administration, etc. Anticipated income from student fees and other revenues is deducted. The balance, plus the special costs of starting up new programs, etc., represents the justifiable amount of state support requested.

The Commission employed the 1972-73 Appropriation Formula as a guide when making its annual recommendations to the Budget and Control Board and to the General Assembly. This is because of a Commission objective to "phase in" the formula approach over a period of more than one year, thereby cushioning the impact on the institutions. As a result, the Commission has recommended 1972-73 appropriations totaling $77,047,159, which is an increase of $12,790,964 or 19.9%. This compares with an increase of $21,304,178 or 33.2% requested by the eight institutions.

If the Budget and Control Board and the General Assembly should adopt the Commission's recommendations for 1972-73, a much more equitable range of appropriations per student will result ($1,311 to $1,825) for the seven non-medical institutions than was the case in 1971-72 ($1,239 to $2,037) or would result from the institutions' own 1972-73 requests ($1,383 to $2,162). An even more equitable range would be anticipated under the formula approach for 1973-74 and subsequent years.

Recommended 1972-73 appropriations per student for each institution are listed below:

	1972-73 APPROPRIATIONS PER FALL 1972 FTE STUDENT	
	REQUESTED BY INSTITUTION	RECOMMENDED BY CHE
WINTHROP COLLEGE	$1,383	$1,511
THE CITADEL	1,591	1,461
S. C. STATE COLLEGE	2,162	1,825
FRANCIS MARION COLLEGE	1,480*	1,552
COLLEGE OF CHARLESTON	1,589*	1,572
UNIVERSITY OF S. C.		
Main Campus	1,813	1,607
Regional Campuses	600	600
Total USC	1,574	1,408
CLEMSON UNIV. (ACADEMIC)		
Main Campus	2,011	1,766
Regional Campuses	600	600
Total Clemson	1,940	1,707
7 COLLEGES/UNIVS.- ALL CAMPUSES	1,672	1,508
MEDICAL U OF S. C. (ACADEMIC)	9,123	8,165
8 COLLEGES/UNIVS.	1,966	1,770

*Plus retained tuition.

IN-SERVICE TEACHER TRAINING . . .

The CHE continues to work with the State Department of Education and the colleges and universities to evolve a workable program of in-service training for public elementary and secondary teachers.

During the 1970-71 school year, the colleges and universities submitted twenty-seven (27) proposals totalling $454,026. These proposals were evaluated by the State Department and final evaluation and approval was given to fourteen (14) projects totalling $185,612. by the CHE. The colleges and universities submitted proposals in designated areas of need which were, in descending order of criticality:

I. Elementary	II. Secondary	III. Problems Connected with Establishment of the Unitary School System
1. reading	1. reading	
2. mathematics	2. mathematics	
3. supervision	3. language arts	1. teaching the disadvantaged
4. exceptional children	4. supervision	2. inter-personal relations
5. language arts	5. vocational	

Due to the fact that the 71-72 appropriation for "development of In-Service Teacher Training Programs" was reduced from

$200,000 to $100,000, the State Department of Education and the CHE agreed that these funds be used to assist in upgrading local district supervisory personnel in the areas of reading and mathematics, rather than attempting to cover all the areas listed above. It was the thinking of the Commission that the limited appropriation would achieve greater results in the teacher training process if grants were made available for the training of local district supervisory personnel, who in turn would provide more district in-service training to the teaching personnel in the various school districts in the State.

Personnel from the mathematics and reading sections of the State Department prepared specific criteria for developing proposals to train teachers to become local district mathematics or reading supervisors. This criteria was forwarded to each college and university in the State, together with an invitation to each to participate in this program. All proposals will be evaluated by the State Department of Education and final evaluation and grant awards will be made by the Commission.

HIGHER EDUCATION MANAGEMENT INFORMATION SYSTEM . . .

In early 1969 the CHE and the public colleges and universities agreed on the need for a statewide system of uniform data identification and collection, reporting, budgeting and planning. The five major categories, or files, of data to be established were students, faculty and staff, facilities, courses and finance. Responsibility for active development of the system was assigned by the Policy Committee (Presidents of the public higher learning institutions and the CHE Commissioner, chairman) to a Working Committee composed of the vice presidents for academic and business affairs, and other key executives such as registrars and institutional research directors, of the public colleges and universities under the chairmanship of the Assistant Commissioner for Financial Affairs. Having concluded that it would be impossible to construct the entire system at once, even with help from outside consultants, the Working Committee approached the project on a longer range, stepwise basis. It was decided to concentrate first on data and reports most essential to operation of the institution (i.e., students and faculty), initially on a manually prepared basis.

The management information system for South Carolina

higher education became operative in 1970. Commencing with data for the fall semester of 1969-70, the public colleges and universities and the CHE began to receive and use accurate, meaningful, comparable reports on students, faculty and other essentials.

By mid-1971 the first phase of the management information system for South Carolina higher education was essentially complete. Manually prepared reports on actual data covering two academic years became available to the colleges and universities and to the CHE for study and analysis, including comparisons with similar information from other states to the extent obtainable. This included, for the first time, comparable data on revenues by source and expenditures by function. And, following agreement on uniform classifications and codes for physical facilities, the initial reporting of meaningful space analyses was scheduled for late 1971.

Appendices E through Q-II contain some summaries and analyses of data contained in recent CHE reports by the public colleges and universities. Coverage includes student characteristics and full-time equivalent enrollments by level, full-time equivalent (FTE) faculty by rank, semester credit hour production per FTE teaching faculty member, semester hour and contact hour comparisons, student/faculty ratios, average weekly teaching hours, average class sizes, average faculty salaries by rank, revenues by source, expenditures by function, etc. Such information could not have been obtained on a reliable basis heretofore.

The second phase of management information system development requires computerization. CHE is seeking funding and qualified personnel for this purpose. Success in these efforts will enable CHE to receive uniform data from the colleges and universities on punched cards, magnetic tapes or other computer input rather than by manually prepared reports. Programs can be purchased or designed so as to produce for the CHE the reports it needs (with copies, if desired, for the institutions). Numerous detailed studies and analyses, which are currently impractical from both preparation and utilization standpoints, will become valuable tools for improvement of higher education. It will also become feasible to use computerized data in the preparation of detailed budgets and long range plans; selection of preferred courses of action can be made from arrays of possibilities. The CHE's systems and programming personnel will,

in addition, be available to assist the colleges and universities, particularly the newer ones, and with emphasis on cooperative efforts, in improving their own data processing and information utilization.

COMPUTER ADVISORY COMMITTEE . . .

The Computer Advisory Committee, conceived and sponsored by CHE, had its first meeting in late 1969. The Committee's makeup is primarily the computer center directors of the eight public colleges and universities, chaired by the Assistant Commissioner for Financial Affairs. Its adopted charter is quoted below:

> The Computer Advisory Committee is organized within the Commission on Higher Education to foster the growth of computer usage in higher education, both public and private, in South Carolina. The Committee is a coordinating, rather than a controlling, agency for computer usage, functioning primarily as a body to improve communications among the State's universities and colleges. In particular, it is to (1) provide a forum for regular discussion of mutual problems, (2) communicate the needs of institutions to the Commission and advise the Commission on all computer-related matters, (3) review institutional plans for acquisition of computer hardware and software, and (4) encourage mutual cooperation among institutions in such areas as development of compatible programs and data formats, coordination of long-range plans, and study of joint computer facilities and systems.

The Computer Advisory Committee holds regular meetings, rotating among the eight institutions so as to observe computer developments on the spot. It continually invites to its meetings the Director of the State Division of Technology Utilization so as to maximize collaboration and minimize duplication of effort.

In 1970 the Computer Advisory Committee instigated the matching of the Medical University's need for a larger computer with Clemson's need to dispose of equipment no longer large enough for its own purposes. This produced an over-all recurring saving of from $50,000 to $125,000 a year.

1971 activities included preparation of annual inventories of computing equipment and of computer courses at South Carolina public colleges and universities. Cooperative computer d

velopment activities between Winthrop and The Citadel, as well as between Citadel and South Carolina State, were sponsored. A proposal to place two Clemson computers under one administrative head was encouraged. Minor equipment improvements, such as replacement of outdated disk drives, were recommended. Cooperative arangements between North Carolina's Triangle Universities Computation Center and South Carolina private colleges were initiated; investigation of similar arrangements among T.U.C.C., Winthrop and Francis Marion was encouraged. Appointment by The Citadel of a high-level committee to consider the future adequacy of their two currently incompatible computers was urged. U.S.C.'s proposals to acquire a new, larger computer were studied during an extended period and recommendations were made. Cooperative academic computing activities between the Medical University and the College of Charleston were encouraged.

CHARLESTON CONSORTIUM . . .

The Charleston Consortium, under the coordination of the Commission, has continued its activities to promote inter-institutional cooperation and effective use of educational resources in the Charleston area. The Consortium has added an eighth committee for the purpose of encouraging liaison with two-year colleges. Representatives of Berkeley-Charleston-Dorchester Technical Education Center and Palmer College meet with representatives of The Citadel, the College of Charleston, the Medical University of South Carolina, and Baptist College on that Committee and more recently have been included on the Faculty/Student Exchange Committee and the Committee on Libraries.

Consortium activities are directed by the Policy Committee consisting of the presidents of each of the four institutions and chaired by the CHE Commissioner. Among things approved by the Committee during the year were a set of Administrative Guidelines for the Consortium, a Union Course Catalog for the Charleston institutions, an Inter-institutional Student Exchange Program, and the development of a consortium based center for graduate programs.

The responsibilities of the various consortium committees other than the Policy Committee and the Two-Year Liaison Committee are described below:

Steering Committee—The Steering Committee, generally consisting of the chief academic officers of the member institutions, reviews all policy proposals of the six "interest area" committees and makes appropriate recommendations to the Policy Committee. In addition, the Steering Committee has broad responsibility for guiding the six "interest area" committees. The Steering Committee is also responsible for examining and making recommendations on program proposals of the member institutions in light of the broad interests of the consortium.[1] Finally, this Committee should, wherever possible, attempt to develop cooperative academic programs which cross institutional lines and take advantage of the strengths of the various member colleges.

Computer Committee—This Committee has responsibility for the development of cooperative arrangements for administrative and academic uses of the computers of the consortium members.

Marine Science Committee—This Committee is responsible for the planning, development, and implementation of a consortium program in the area of marine science.

Library Committee—The Library Committee determines areas of potential inter-institutional cooperation in library development and services, and designs and implements policies to foster such cooperation.

Administrative Committee—This Committee is responsible for the examination of administrative practices to determine areas where cooperation may promote efficiency and economy. The Committee should propose, plan, and implement measures to accomplish such cooperation, and should aid other committees in the development of administrative procedures which enhance the success of their proposals.

Faculty and Student Exchange Committee—This Committee plans and develops policies for inter-institutional faculty and student exchange, and examines other areas not covered by the other committees where cooperation may prove beneficial to faculty members and/or students.

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[1] Only representatives of public institutions have an official vote on program proposals of the public institutions.

PROGRAM APPROVALS . . .

In the twelve-month period ending October 30, 1971, the CHE approved 28 new academic programs at the State-supported colleges and universities. In addition, during the year the CHE reviewed and approved eight new programs approved by the State Committee for Technical Education for the technical education centers, which involved one year or more of full-time study on the part of students.

A complete list of all programs approved is given in the following table:

DOCTORATE PROGRAMS

Degree	Major	Institution
Ph.D.	Foundations of Education	USC
Ph.D.	Systems Engineering[1]	Clemson
Ph.D.	Textile and Polymer Science	Clemson

MASTERS' AND FIRST PROFESSIONAL PROGRAMS

M.D.		Clemson-Medical Univ.[2]
M.D.		USC-Medical Univ.[3]
M.Ag.	Agricultural Mechanization	Clemson
M.S.	Biometry	Medical University
M.Ed.	Elementary Education	Clemson
M.Ed.	Elementary Education[4]	College of Charleston
M.F.A.	Fine Arts	USC
M.Mus.	Music	USC
M.S.	School Psychology	Winthrop

BACCALAUREATE PROGRAMS

B.A.	Afro-American Studies	USC
B.S.	Allied Health Sciences (Specialties in Physical Therapy and Dental Hygiene)	Medical University
B.F.A.	Art Education	USC[5]
B.A. & B.S.	Health Education	USC
B.A.	Mathematics	Citadel
B.S.	Mathematics, with Biology Option	Clemson
B.S.	Nursing	S. C. State-Clemson[6]
B.A.	Political Science	College of Charleston
B.A.	Psychology	Citadel
B.A.	Religious Studies	USC
B.S.	Secondary Education with Earth Sciences as teaching area	Clemson
B.A.	Special Education	Winthrop
B.A.	Speech and Drama	S. C. State

ASSOCIATE AND DIPLOMA PROGRAMS

Diploma	Boilermaking	Orangeburg-Calhoun TEC
A.D.	Dental Assistant	Berkeley-Charleston-Dorchester TEC
A.D.	Executive Secretarial	Winthrop
A.D.	Histotechnology	Berkeley-Charleston-Dorchester TEC
A.D.	Medical Assistant	Chesterfield-Marlboro TEC
A.D.	Medical Assistant	Piedmont TEC
A.D.	Medical Laboratory Technician	Spartanburg TEC
A.D.	Medical Laboratory Technician	Berkeley-Charleston-Dorchester TEC
A.D.	Nursing	Greenville TEC
A.D.	Technical Nursing	USC-Aiken Branch

1. Approval limits options in this field to Control and Computer Systems Design, Computer Monitored Systems, Signal Processing Systems, Optimization of Environmental Systems, Environmental Systems Engineering, Transportation Systems, and Construction Management Systems.
2. Joint Medical University and Clemson University. Five Year Program for Medical Education - Students complete two calendar years of pre-medical work at Clemson and transfer to Medical University for final three calendar years.
3. Joint Medical University and University of South Carolina. Five Year Program for Medical Education - (same as Clemson)
4. Approved with stipulation that it become part of Charleston Graduate Center when such center is established.
5. Approved with stipulation that the B.A. in Art Education be phased out.
6. Joint South Carolina State and Clemson Nursing Program. S. C. State students complete 71 semester hours and transfer to Clemson for completion of work required for B.S. degree.

ON-GOING STUDENT ASSISTANCE PROGRAMS . . .

The South Carolina Defense Scholarship Fund provides, for the State-supported institutions, matching funds required by three federally-assisted student loan programs: National Defense Student Loans, Health Professions Student Loans, and Nursing Training Loans. All three programs provide for direct loans to students by the institutions. Federal capital allocations are made directly to each institution with the Fund providing the required one-ninth institutional matching requirement. Fund activity for 1971-72 is summarized in Table 8. The total of $153,019 represents an increase of about 54% over the comparable figure for 1970-71. As of June 30, 1971, over 9,100 loans

valued at over $6.5 million had been made, the bulk of these in the National Defense Student Loan Program.

The Statewide Guaranteed Loan Program enables the state to provide guarantees, against death or irrecoverable default, for loans made to needy students by commercial lenders. For the year ending June 30, 1971, participating lenders made 1,226 loans valued at $931,358. The number of loans made was down slightly from 1,361 made in FY 1970-71; but the dollar value, reflecting an increase in the size of the average loan request, was up by about $6,000 over the level of the previous year.

Direct State assistance to 332 South Carolina residents who elected to go out of State for certain curricula was provided through programs operated by the local Board of Control of the Southern Regional Education Board (Table 9). Fifty-one students enrolled in one of four contract programs through the Southern Regional Education Board. Another 281 students were awarded State grants through the local Board for study out of state in other curricula.

TABLE 8

SUMMARY REPORT
SOUTH CAROLINA DEFENSE SCHOLARSHIP FUND, FY 1970-71

I. National Defense Student Loan Program (Federally-Assisted)

Institution	Loans Outstanding 6/30/71 Number	Amount	State Funds Requested & Approved FY 71-72
Clemson University	862	$ 390,154.25	$ 5,333.12
College of Charleston	396	323,808.24	7,462.00
Francis Marion College	80	28,974.75	3,853.66
S. C. State College	975	419,601.93	7,450.33
The Citadel	424	349,708.67	3,696.93
University of S. C. (Main)	4,006	3,225,004.19	43,135.54
University of S. C. (Regional)	—	—	21,534.67
Winthrop	1,495	1,080,250.06	30,951.56
Totals	8,238	$5,817,502.09	$123,417.81

II. Health Professions Education Loan Program (Federally-Assisted)

Institution	Loans Outstanding 6/30/71 Number	Amount	State Funds Requested & Approved FY 71-72
Medical University of S. C.	603	$ 421,741.01	$ 17,061.77
University of S. C.	56	50,843.46	3,000.00
Totals	659	$ 472,584.47	$ 20,061.77

III. Nurse Training Loans (Federally-Assisted)

Institution	Loans Outstanding 6/30/71 Number	Amount	State Funds Requested & Approved FY 71-72
Clemson University	7	$ 5,250.00	$ 1,549.00
Medical University of S. C.	85	62,120.00	2,420.67
University of S. C. (Main)	152	157,700.41	3,378.45
University of S. C. (Regional)	—	—	2,191.56
Totals	244	$ 225,070.41	$ 9,539.68
GRAND TOTAL	9,141	$6,515,156.97	$153,019.26

IV. Guaranteed Loan Program (Institutional Agreements, College Reserve Programs, United Student Aid Funds, Incorporated)

Institution	Loans Outstanding 6/30/71 Number	Amount	Unused Guarantee Capacity 6/30/71	State Funds* Requested FY 71-72
Clemson University	830	$ 558,033	$210,717	$ —
Medical University of S. C.	280	278,293	134,207	—
S. C. State College	429	260,896	101,604	—
The Citadel	237	160,042	52,458	—
University of S. C.	282	206,625	230,875	—
Winthrop College	331	264,802	72,698	—
Totals	2,389	$1,728,691	$802,559	$ —

*Because of the existence of the Statewide Guaranteed Loan Program, funds were not allocated to the institution for FY 71-72.

TABLE 9

SUMMARY OF AID AWARDS, FY 1970-71, OF SOUTH CAROLINA BOARD OF CONTROL OF SOUTHERN REGIONAL EDUCATION BOARD

Contract Awards	No. Students	Amount
Dentistry	11	$ 19,800.00
Veterinary Medicine	37	66,600.00
Occupational Therapy	2	1,000.00
Library Science	1	173.34
Subtotal	51	$7,573.34
Non-Contract Awards	281	$100,095.50
Total	332	$187,668.84

PLANNING FOR CAPITAL IMPROVEMENTS . . .

To provide data for planning long range capital improvements, each institution has been requested to submit by June 30 an annual forecast of capital improvements to include a listing of projects considered essential during the ensuing five years. The listing for each project includes a priority number, a brief description of the project, and data on anticipated costs and funding. (Submission for June 30, 1971 was cancelled in view of the information contained in the "Goals for the Seventies" reports submitted by the institutions.) Submission of this five-year forecast will provide the institution and the CHE information for planning; submission will not constitute a request for approval of projects or for funds.

Through agreement with the State Budget and Control Board, all requests for capital improvements from the State's institutions of higher education are now submitted initially to the CHE. After review by the Commission, applications are forwarded to the Budget and Control Board with appropriate comments and recommendations. This procedure ensures that the State's agency specializing in higher education—the CHE—has the opportunity to submit its judgment on all capital im-

provements proposed by the institutions of higher education, and provides a better basis for action by the Budget and Control Board and the General Assembly.

It is a goal of CHE to ensure that all capital improvements undertaken by the institutions of higher education are essential and that they are completed economically. These procedures will contribute to the achievement of that goal.

COMAR . . .

In June, CHE established an Advisory Committee on Marine Science in the Institutions of Higher Education, short title COMAR, for the following purposes:

1. To provide a mechanism whereby the marine science activities of the various institutions of higher education in the State may be coordinated and developed to obtain maximum utilization of the resources within the State.

2. To assist in developing a coordinated educational program in marine science.

3. To assist the various institutions of higher education in developing and implementing cooperative interdisciplinary training and research programs.

4. To advise the Commissioner of Higher Education on education and research in the field of marine science involving the institutions represented on COMAR.

5. Through agreement with the Chairman, South Carolina Wildlife Resources Commission, to inform and advise the Division of Marine Resources, Wildlife Resources Department, concerning marine oriented education and research programs.

Currently, the Charleston Consortium, Clemson University, and the University of South Carolina are represented on COMAR. A representative from CHE and the Division of Marine Resources, South Carolina Wildlife Department attend all meetings as observers.

COMAR should greatly facilitate planning for a unified marine science program among the institutions of higher education in the State which will be developed jointly with the Division of Marine Resources and draw heavily on the Division's Marine Science Center under construction.

By bringing together qualified representatives of the organizations primarily concerned with marine science in the State,

COMAR opens up the prospect of maximizing the potential of all agencies while minimizing duplication and unnecessary competition.

Members of COMAR include the following:

William J. Dougherty
Associate Professor of Anatomy
Medical University, representing the Charleston Consortium

Harry W. Freeman
Professor of Biology
College of Charleston, representing the Charleston Consortium

Rufus K. Guthrie
Professor of Microbiology and Associate Dean
College of Physical, Mathematical, and Biological Sciences, Clemson University

Samuel F. Hulbert
Assistant Professor of Materials Engineering and Head, Division of Interdisciplinary Studies
Clemson University

Donald J. Colquohoun
Head, Department of Geology
University of South Carolina

F. John Vernberg (Chairman, COMAR; 1971-72)
Director, Belle W. Baruch Institute of Marine Science
University of South Carolina

John K. Reed
Professor and Head, Department of Biology
The Citadel
(Observer)

James R. Michael
Assistant Commissioner, CHE
(Observer)

James A. Timmerman
Director, Division of Marine Resources
S. C. Wildlife Resources Department
(Observer)

STATEWIDE NURSING COMMITTEE . . .

Early in 1971, the CHE met with members of the S. C. Nurses' Association, the State Board of Nursing, and the S. C. League for Nursing to discuss the feasibility of establishing a Statewide Master Planning Committee for Nursing Education under the auspices of the Commission on Higher Education. The idea of such a committee originated from the report, "An Abstract for Action" published by the National Commission for the Study of Nursing and Nursing Education which indicated "that each state have a Master Planning Committee that would take nursing education under its purvue, recommend specific guidelines, means of implementation, and deadlines to insure that nursing education is positioned in the main stream of American educational patterns". Due to the fact that the major concern of this Master Planning Committee will be directed at the systematic reconstitution of nursing education within the patterns of higher education, it was the general consensus of the three nursing organizations previously mentioned that this function might better be served under the direction of the Commission.

It was also agreed that this Committee be an interdisciplinary body including persons from nursing practice and education, physicians, health specialists, higher education authorities, and members of the public at large. A list of the organizations which are represented on this Committee, along with the names of the Committee members which they have nominated, are found in Table 10.

Since nursing education in South Carolina has moved for the most part into the system of higher education, the tasks of the Committee, as listed below, will be primarily in those areas as may be determined by the Committee:

(1) Emerging collegiate programs must be so planned and articulated with existing health care facilities that optimal clinical experience is provided for students. Joint planning under the guidance of the State master planning group is essential.

(2) Collegiate schools of junior and senior level must be encouraged to develop articulated curricula so that individual access and career enhancement is maximized.

(3) Some of the present hospital schools, given aid and direction, are sufficiently endowed with excellent faculty and facilities

that they should be encouraged to investigate becoming collegiate institutions in their own right.

(4) The Statewide Master Planning Committee must look at the use of resources for both preparatory and advanced nursing education to encourage the enlargement or consolidation of programs to make best use of faculty and facilities.

(5) The State Committee should identify and encourage institutions to assume responsibility for continuing education to ensure that nurse practitioners are given every opportunity to update their knowledge and skills.

At its first meeting held in July, 1971, the Statewide Master Planning Committee for Nursing Education developed Rules and Procedures, elected a Chairman and agreed to have monthly meetings. In the forthcoming year, the Committee will make specific recommendations to the CHE and develop long range plans for nursing education in South Carolina.

TABLE 10

STATEWIDE MASTER PLANNING COMMITTEE ON NURSING EDUCATION

Organization: South Carolina Nursing Association

Representatives:

Miss Clara Bouknight
Program Nurse Specialist, State Board of Health

Dr. Marcia Curtis
Dean, School of Nursing, Medical University

Mrs. Helen K. DeYoung
Associate Director of Nursing Service, Columbia Hospital

Mrs. Eleanor D. Garvin
Associate Director, Public Health Nursing, State Board of Nursing

Mrs. Lilyan R. Klein
Chief, Nursing Education, William S. Hall Institute

Dr. Geraldine Labecki
Dean, School of Nursing, Clemson University

Miss Ira Dean Lane
Executive Director, State Board of Nursing

Miss Dora D. McNeill
Executive Director, Nurses' Association

Mrs. Anne S. Moye
Associate Director of Nursing for Inservice, Baptist Hospital

Dr. Marjorie Sanderson
Dean, College of Nursing, University of South Carolina

Organization: South Carolina Medical Association

Representative:

Dr. William S. Hall
State Commissioner of Mental Health

Organization: South Carolina Comprehensive Health Care Planning

Representative:

Dr. Irvin Trincher
Director, Veterans Administration Hospital

Organization: South Carolina Hospital Association

Representative:

Mr. Robert E. Toomey
Director, Greenville Hospital System

Organization: South Carolina State Department of Education

Representative:

Mr. E. H. Jones
Chief Supervisor, Office of Vocational Education

Organization: South Carolina Commission on Higher Education

Representative:

Mr. M. Hurst Marshall
Executive Assistant, Commission on Higher Education

Organization: Student Nurses' Association of South Carolina

Representative:

Miss Emma Murchison
President, Student Nurses' Association

Organization: South Carolina League for Nursing

Representatives: (Public at Large)

The Honorable Carolyn E. Frederick
Greenville, South Carolina

The Honorable Edmund G. Grant
Columbia, South Carolina

Mr. W. F. "Bill" Davis
Aynor, South Carolina

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APPENDIX A

TOTAL DEGREES AWARDED

July 1, 1970, to June 30, 1971

(Source: "Degrees Awarded", Higher Education General Information Survey, USOE)

Institution	Bachelor	Master and 1st Professional	Doctor	Total
The Citadel	418	62	—	480
Clemson	1,115	209	42	1,366
College of Charleston	62	—	—	62
Medical University of S. C.	54	99[1]	2	155
S. C. State	290	144	—	434
USC	1,877	626[2]	79	2,582
Winthrop	667	71	—	738
Subtotal (Public)	4,483	1,211	123	5,817
Fraction of Total	55.7%	85.3%	98.4%	60.6%
Allen	116	—	—	116
Baptist	331	—	—	331[3]
Benedict	272	—	—	272
Bob Jones	415	36	2	453
Central Wesleyan	39	—	—	39
Claflin	153	—	—	153
Coker	107	—	—	107
Columbia Bible	65	10	—	75
Columbia College	197	—	—	197
Converse	157	130	—	287
Erskine	164	—	—	164
Furman	394	32	—	426
Lander	152	—	—	152[3]
Limestone	216	—	—	216
Morris	93	—	—	93[3]
Newberry	154	—	—	154
Presbyterian	139	—	—	139
Voorhees	144	—	—	144
Wofford	261	—	—	261[3]
Subtotal (Private)	3,569	208	2	3,779
Fraction Total	44.3%	14.7%	1.6%	39.4%
Total (Private and Public)	8,052	1,419	125	9,596

Notes:

1 Includes 76 M.D. Degrees & 21 D.M.D. Degrees.
2 Includes 155 Law Degrees.
3 Data from State Department of Education.

APPENDIX B

DEGREE ORIGINS, BY COLLEGE, OF PROFESSIONALS EMPLOYED IN SOUTH CAROLINA PUBLIC SCHOOLS, 1970-71

(Source: South Carolina State Department of Education, Office of Teacher Certification)

Institutions	Bachelor	Masters[1]	Total
The Citadel	132	38	170
Clemson	798	198	996
College of Charleston	203	1	204
South Carolina State	2,228	1,399	3,627
University of S. C.	2,175	942	3,117
Winthrop	4,130	161	4,291
Subtotal (Public)	9,666	2,739	12,405
Fraction of Total	42.2%		
Allen	1,549	—	1,549
Baptist	185	—	185
Benedict	1,818	—	1,818
Bob Jones	149	—	149
Central Wesleyan	114	—	114
Claflin	1,081	—	1,081
Coker	534	—	534
Columbia College	1,088	—	1,088
Converse	348	200	548
Erskine	746	—	746
Furman	1,162	308	1,470
Lander	846	—	846
Limestone	834	—	834
Morris	1,328	—	1,328
Newberry	847	—	847
Presbyterian	201	—	201
Voorhees	68	—	68
Wofford	369	30	399
Subtotal (Private)	13,267	538	13,805
Fraction of Total	57.8%		
Total (Public & Private)	22,933	3,277[1]	26,210
Total Out-of-State Institutions	7,341	2,619	9,960
Total No Longer Operating	53	2	55
Total Degree Equivalent	716	—	716
Grand Total	31,043	5,898	36,941

Note:

[1]College awarding baccalaureate degree for all master's recipients is included in the Bachelor column of this Table - i.e., the total number of individuals is 31,043.

APPENDIX C

1971 GRADUATES QUALIFYING FOR TEACHER CERTIFICATION

(Source: South Carolina State Department of Education, Office of Teacher Certification)

Institution	Graduates
The Citadel	24
Clemson	164
College of Charleston	13
South Carolina State	203
University of South Carolina	423
Winthrop	435
Subtotal (Public)	1,262
Allen	63
Baptist	86
Benedict	83
Bob Jones	139
Central Wesleyan	21
Claflin	43
Coker	65
Columbia College	149
Converse	59
Erskine	54
Furman	112
Lander	68
Limestone	115
Morris	55
Newberry	40
Presbyterian	29
Voorhees	55
Wofford	12
Subtotal (Private)	1,248
Total (Public and Private)	2,510

APPENDIX D-I

SOUTH CAROLINA COMMISSION ON HIGHER EDUCATION
1972-73 APPROPRIATION FORMULA

1. Project Main Campus Student Credit Hour Production (by level of instruction and academic area) for the fall 1972 semester. [See CHE Report 14]

2. Divide undergraduate credit hours by 15
   professional (law) credit hours by 15
   master's level credit hours by 9
   and doctoral credit hours by 6
   to determine the number of FTE students to be taught. [See CHE Report 3]

3. Divide the number of FTE students at each level and in each academic area by an appropriate student/faculty ratio (see attachment) in order to find the number of FTE **teaching** faculty positions required. Ratios for remedial instruction may be based on own experience (and should be indicated by footnote).

4a. Of the total number of FTE teaching faculty positions required, determine the proportion to be filled by teaching assistant. (Use the proportion shown on fall 1970 CHE Report 9, unless justification for a different proportion is presented). Multiply the number of FTE teaching assistants required by $6,560 + 8.2% (Clemson's fall 1970 average teaching assistant salary plus 4% annual improvement).

4b. Multiply the remaining number of FTE teaching faculty positions required by $13,259 + 8.2% (USC's fall 1970 9-month basis average salary for all teaching faculty except student assistants, plus 4% annual improvement) for the two universities, and by $12,281 + 8.2% (Citadel's fall 1970 average plus 4% annual improvement) for the five colleges in order to obtain total teaching salary requirements. [See CHE Report 10]

5. For the two universities add 50% and for the five colleges add 40% of total teaching salary requirements to provide for other instruction and departmental research expenses (or faculty support.) This is to cover deans, department heads, secretaries and clerks, laboratory assistants, supplies, equipment, travel, telephone, etc. **Faculty salaries plus faculty support equals the proposed Instruction and Departmental Research budget.**

6. Add 4% of the Instruction and Departmental Research budget to cover Organized Activities Related to Educational Departments expenditures.

7. (Exclude all expenditures for Sponsored Research and Other Sponsored Programs, since these are not considered for state appropriations.)

8. Under the caption Other Separately Budgeted Research add amounts requested for operation of special bureaus and institutes. These should normally be limited to amounts appropriated in 1971-72 for operation of such bureaus and institutes plus 4%, modified for any significant change in circumstances.

9. Add 2% of the Instruction and Departmental Research budget for extension and Public Service expenditures.

10. Add 10% of the I & DR budget to cover Libraries, including acquisitions and operations.

11. Add actual 1970-71 expenditures for Operation and Maintenance of Physical Plant plus 4% per year (8.2% for two years). If the gross square footage of buildings increases at a faster rate than FTE student enrollments, add such incremental percentage to that year's 4% allowance for general cost increases. Total allowable expenditures for Operation and Maintenance of Physical Plant may not exceed 36% of the I & DR budget.

12. Add 20% of the I & DR budget to cover General Administration, Student Services, and General Institutional Expense.

13. From the total amount computed in paragraphs 1 thru 12 subtract anticipated student fee income (other than for debt service), the excess of summer school revenue over summer school expenditures, miscellaneous revenue from sales and services, and any amounts of federal, county or municipal revenues expected to be received in support of current educational and general expenditures. The balance represents the amount of the requested state appropriation for main campus operations.

14. U.S.C. and Clemson should also request a state appropriation of $600 for each FTE student (determined by dividing projected semester credit hours by 15) expected to be enrolled at regional campuses.

15. Special funding may be requested for starting up new colleges and programs approved by the Commission on Higher Education, bringing a library collection up to minimum standards, etc. These should be listed (and justified) individually, and then added to the amount determined under paragraph 13 (or 14).

APPENDIX D-II

SOUTH CAROINA COMMISSION ON HIGHER EDUCATION
STUDENT/FACULTY RATIOS FOR USE WITH
1972-73 APPROPRIATION FORMULA

Undergraduate Programs	
Liberal Arts	19:1
Science	17:1
Fine Arts & Architecture	10:1
Teacher Education	19:1
Teacher Education - Practice Teaching	9:1
Agriculture & Forestry	16:1
Engineering	12:1
Home Economics	14:1
Vocational Training	18:1
Physical Training	19:1
Nursing	7:1
Pharmacy	12:1
Business Administration	19:1
Textile Science	12:1
Library Science	18:1
Technology	15:1
Master's and Professional Programs	
Liberal Arts	10:1
Science	6:1
Fine Arts & Architecture	6:1
Teacher Education	10:1
Agriculture & Forestry	8:1
Engineering	6:1
Home Economics	8:1
Law	25:1
Social Work	6:1
Library Science	8:1
Nursing	6:1
Business Administration	10:1
Textile Science	6:1
Doctoral Programs	
Liberal Arts	5:1
Science	4:1
Teacher Education	5:1
Agriculture & Forestry	4:1
Engineering	4:1
Business Administration	4:1

APPENDIX E
SOUTH CAROLINA PUBLIC COLLEGES & UNIVERSITIES
FULL TIME EQUIVALENT STUDENT ENROLLMENTS

Institutions	Actual* Fall 1970	Actual* Fall 1971	Estimate+ Fall 1972
Winthrop	3,556	3,702	3,754
Citadel	2,543	2,700	2,922
S. C. State	1,976	2,188	2,442
Francis Marion	770	1,237	1,500
College of Charleston	796	1,466	1,925
Total Colleges	9,641	11,293	12,543
U. S. C. (Main Campus)	12,954	14,794	15,880
Clemson (Main Campus)	7,720	8,497	9,007
Medical University of S. C.	1,185	1,458	1,713
Total Universities	21,859	24,749	26,600
U. S. C. Regional Campuses	2,809	3,537	3,910
Clemson Regional Campuses	404	450	477
Total Regional Campuses	3,213	3,987	4,387
GRAND TOTAL	34,713	40,029 (+15.3%)	43,530 (+8.7%)

* From CHE Reports
\+ From 1972-73 Appropriation Requests.

APPENDIX F
SOUTH CAROLINA PUBLIC COLLEGES & UNIVERSITIES
FALL 1970 STUDENT/FACULTY DATA SUMMARY
(From CHE Reports)

	U.S.C. Main Campus	Clemson Main Campus	Winthrop	Citadel	S.C. State	Francis Marion	College of Charleston
STUDENT HEADCOUNT	13,558	7,601	3,910	2,665	2,148	906	1,040
% Male	66	78	2	91	47	66	36
% South Carolinian	75	81	89	62	94	99	90
% White	98	98	95	98	4	91	86
FTE STUDENTS	12,954	7,770	3,556	2,543	1,976	770	796
% Lower Division (Fresh., Soph.)	56	58	65	61	63	88	79
% Upper Division (Jun., Sen., etc.)	25	33	31	35	31	12	21
% Professional (Law)	5						
% Graduate 1st Level (Master's)	10	7	4	4	6		
% Graduate 2nd Level (Doctorate)	4	2					
FTE TEACHING FACULTY	790.4	593.2	190.0	158.3	133.6	37.0	52.9
% Professors	17	13	18	17	14	7	18
% Associate Professors	17	28	19	23	24	24	15
% Assistant Professors	27	27	35	59	31	28	56
% Instructors	13	9	22	1	28	41	
% Teaching Assistants	21	20	6		1		
% Other (Lecturers, etc.)	5	3			2		11
SEMESTER CREDIT HOUR PRODUCTION	181,930	111,656	52,509	37,550	28,881	11,555	11,947
Per FTE Teaching Faculty	230	188	276	237	198	354	226
PRODUCTION PROFILE (Scheduled Teaching Hours to produce 1 Credit Hour)	1.26	1.29	1.13	1.12	1.46	1.13	1.15
FTE STUDENT/FTE FACULTY RATIO	16.4	13.1	18.7	16.1	14.7	20.8	15.1
SCHEDULED TEACHING HOURS PER WEEK PER FTE FACULTY	10.0	11.5	14.9	12.0	15.6	13.0	12.7
AVERAGE NUMBER OF STUDENTS PER SCHEDULED CLASS	29.3	22.5	22.3	20.5	19.4	27.6	21.3

APPENDIX G-I
UNIVERSITY OF SOUTH CAROLINA
Main Campus
STUDENT/FACULTY DATA COMPARISONS, 1970 vs. 1969
(Summarized from CHE Reports)

	Fall 1969	Fall 1970		
Total Student Headcount	12,455	13,558	+	9%
% Male	65	66		
% South Carolinian	76	75		
% White	98	98		
% Lower Division	51	48	—	
% Upper Division	32	32		
% Professional (Law)	4	5		
% Graduate 1st Level (Master's)	9	11	+	
% Graduate 2nd Level (Doctorate)	4	4		
Total FTE Students	11,884	12,954	+	9%
% Lower Division	57	56		
% Upper Division	27	25		
% Professional (Law)	4	5		
% Graduate 1st Level (Master's)	7	10	+	
% Graduate 2nd Level (Doctorate)	5	4		
Total FTE Teaching Faculty	715.2	790.4	+	11%
% Professors	17	17		
% Associate Professors	16	17		
% Assistant Professors	25	27	+	
% Instructors	13	13		
% Teaching Assistants	24	21	—	
% Other (Lecturers, etc.)	5	5		
Student Semester Credit Hour Production	168,437	181,930	+	8%
Production per FTE Faculty	236	230	—	3%
Production Profile (Teaching Hours per Credit Hour)	1.29	1.26		
Ratio of FTE Students to FTE Faculty	16.6	16.4		
Scheduled Teaching Hours per Week per FTE Faculty	10.0	10.0		
Average Number of Students per Scheduled Class	30.9	29.3	—	5%

APPENDIX G-II
CLEMSON UNIVERSITY
Main Campus
STUDENT/FACULTY DATA COMPARISONS, 1970 vs. 1969
(Summarized from CHE Reports)

	Fall 1969	Fall 1970		
Total Student Headcount	6,743	7,601	+	13%
% Male	82	78	—	
% South Carolinian	78	81	+	
% White	99	98		
% Lower Division	48	46	—	
% Upper Division	40	36	—	
% Graduate 1st Level (Master's)	10	16	+	
% Graduate 2nd Level (Doctorate)	2	2		
Total FTE Students	7,023	7,770	+	11%
% Lower Division	57	58		
% Upper Divison	34	33		
% Graduate 1st Level (Master's)	6	7		
% Graduate 2nd Level (Doctorate)	3	2		
Total FTE Teaching Faculty	539.2	593.2	+	10%
% Professors	12	13		
% Associate Professors	28	28		
% Assistant Professors	26	27		
% Instructors	11	9	—	
% Teaching Assistants	20	20		
% Other (Lecturers, etc.)	3	3		
Student Semester Credit Hour Production	101,065	111,656	+	10%
Production per FTE Faculty	187	188		
Production Profile (Teaching Hours per Credit Hour)	1.40	1.29	—	8%
Ratio of FTE Students to FTE Faculty	12.6	13.1	+	4%
Scheduled Teaching Hours per Week per FTE Faculty	12.2	11.5	—	6%
Average Number of Students per Scheduled Class	22.3	22.5		

APPENDIX G-III

WINTHROP COLLEGE

STUDENT/FACULTY DATA COMPARISONS, 1970 vs. 1969

(Summarized from CHE Reports)

	Fall 1969	Fall 1970		
Total Student Headcount	3,753	3,910	+	4%
% Male	5	2	—	
% South Carolinian	90	89		
% White	98	95	—	
% Lower Division	58	58		
% Upper Divison	35	34		
% Graduate 1st Level (Master's)	7	8		
Total FTE Students	3,367	3,556	+	6%
% Lower Division	64	65		
% Upper Division	33	31	—	
% Graduate 1st Level (Master's)	3	4		
Total FTE Teaching Faculty	174.8	190.0	+	9%
% Professors	18	18		
% Associate Professors	13	19	+	
% Assistant Professors	40	35	—	
% Instructors	22	22		
% Teaching Assistants	7	6		
Student Semester Credit Hour Production	49,854	52,509	+	5%
Production per FTE Faculty	285	276	—	3%
Production Profile (Teaching Hours per Credit Hour)	1.24	1.13	—	9%
Ratio of FTE Students to FTE Faculty	19.3	18.7	—	3%
Scheduled Teaching Hours per Week per FTE Faculty	14.4	14.9	+	3%
Average Number of Students per Scheduled Class	24.5	22.3	—	9%

APPENDIX G-IV

THE CITADEL

STUDENT/FACULTY DATA COMPARISONS, 1970 vs. 1969

(Summarized from CHE Reports)

	Fall 1969	Fall 1970		
Total Student Headcount	2,591	2,665	+	3%
% Male	89	91	+	
% South Carolinian	58	62	+	
% White	98	98		
% Lower Division	56	59	+	
% Upper Divison	38	30	—	
% Graduate 1st Level (Master's)	6	11	+	
Total FTE Students	2,504	2,543	+	2%
% Lower Division	60	61		
% Upper Division	38	35	—	
% Graduate 1st Level (Master's)	2	4	+	
Total FTE Teaching Faculty	161.9	158.3	—	2%
% Professors	17	17		
% Associate Professors	22	23		
% Assistant Professors	59	59		
% Instructors	2	1		
Student Semester Credit Hour Production	37,271	37,550		
Production per FTE Faculty	230	237	+	3%
Production Profile (Teaching Hours per Credit Hour)	1.11	1.12		
Ratio of FTE Students to FTE Faculty	15.5	16.1	+	4%
Scheduled Teaching Hours per Week per FTE Faculty	11.9	12.0		
Average Number of Students per Scheduled Class	21.9	20.5	—	6%

APPENDIX G-V

S. C. STATE COLLEGE

STUDENT/FACULTY DATA COMPARISONS, 1970 vs. 1969

(Summarized from CHE Reports)

	Fall 1969	Fall 1970		
Total Student Headcount	2,191	2,148	—	2%
% Male	47	47		
% South Carolinian	94	94		
% White	2	4	+	
% Lower Division	45	47	+	
% Upper Division	36	34	—	
% Graduate 1st Level (Master's)	19	19		
Total FTE Students	2,021	1,976	—	2%
% Lower Division	64	63		
% Upper Division	28	31	+	
% Graduate 1st Level (Master's)	8	6	—	
Total FTE Teaching Faculty	124.6	133.6	+	7%
% Professors	15	14		
% Associate Professors	24	24		
% Assistant Professors	34	31	—	
% Instructors	23	28	+	
% Teaching Assistants	0	1		
% Others (Lecturers, etc.)	4	2		
Student Semester Credit Hour Production	29,348	28,881	—	2%
Production per FTE Faculty	236	198	—	16%
Production Profile (Teaching Hours per Credit Hour)	1.35	1.46	+	8%
Ratio of FTE Students to FTE Faculty	16.3	14.7	—	10%
Scheduled Teaching Hours per Week per FTE Faculty	15.2	15.6	+	3%
Average Number of Students per Scheduled Class	22.7	19.4	—	15%

APPENDIX G-VI

FRANCIS MARION COLLEGE

STUDENT/FACULTY DATA SUMMARY, FALL 1970

(from CHE Reports)

	Fall 1970
Total Student Headcount	906
% Male	66
% South Carolinian	99
% White	91
% Lower Division	85
% Upper Division	15
Total FTE Students	770
% Lower Division	88
% Upper Division	12
Total FTE Teaching Faculty	37.0
% Professors	7
% Associate Professors	24
% Assistant Professors	28
% Instructors	41
Student Semester Credit Hour Production	11,555
Production per FTE Faculty	354
Production Profile (Teaching Hours per Credit Hour)	1.13
Ratio of FTE Students to FTE Faculty	20.8
Scheduled Teaching Hours per Week per FTE Faculty	13.0
Average Number of Students per Scheduled Class	27.6

APPENDIX G-VII

COLLEGE OF CHARLESTON
STUDENT/FACULTY DATA SUMMARY, FALL 1970
(from CHE Reports)

	Fall 1970
Total Student Headcount	1,040
% Male	36
% South Carolinian	90
% White	86
% Lower Division	73
% Upper Division	27
Total FTE Students	796
% Lower Division	79
% Upper Division	21
Total FTE Teaching Faculty	52.9
% Professors	18
% Associate Professors	15
% Assistant Professors	56
% Other (Lecturers, etc.)	11
Student Semester Credit Hour Production	11,947
Production per FTE Faculty	226
Production Profile (Teaching Hours per Credit Hour)	1.15
Ratio of FTE Students to FTE Faculty	15.1
Scheduled Teaching Hours per Week per FTE Faculty	12.7
Average Number of Students per Scheduled Class	21.3

APPENDIX G-VIII

MEDICAL UNIVERSITY OF S. C.
STUDENT/FACULTY DATA COMPARISONS, 1970 vs. 1969
(Summarized from CHE Reports)

	Fall 1969	Fall 1970	
Total Student Headcount	1,021	1,185	+16%
% Male	66	68	
% South Carolinian	89	91	
% White	95	96	
% Lower Division	8	8	
% Upper Division	17	14	
% Professional (Medicine & Dentistry)	43	44	
% Graduate Professional (Interns & Residents)	15	16	
% Graduate 1st Level (Master's)	2	2	
% Graduate 2nd Level (Doctorate)	1	2	
% Occupational (organized, non-degree programs)	14	14	
Total FTE Students	1,021	1,185	
Total FTE Teaching Faculty	253	270	+ 7%
% Professors	24	29	
% Associate Professors	22	19	
% Assistant Professors	28	26	
% Instructors	15	19	
% Other (Lecturers, Assistants, etc.)	11	7	
Ratio of FTE Students to FTE Faculty	4.0	4.4	+10%

APPENDIX H

SOUTH CAROLINA PUBLIC COLLEGES AND UNIVERSITIES
AVERAGE SALARIES OF INSTRUCTIONAL FACULTY
1970-71, 9-Month Contract Basis*
(Summarized from Fall 1970 CHE Reports)

Institution	Professors	Associate Professors	Assistant Professors	Instructors	Total Instructional Faculty**
Medical U. of S. C.	$20,704	$17,569	$13,180	$8,814	$13,483
USC (Main Campus)	18,001	14,122	12,020	9,213	13,259
Clemson (Main Campus)	16,770	13,860	11,510	8,880	13,045
Winthrop	14,210	13,012	10,602	8,281	11,525
Citadel	15,917	12,768	10,767	7,821	12,281
S. C. State	16,017	11,583	9,914	8,396	10,641
Francis Marion	15,066	12,958	10,127	8,427	10,532
College of Charleston	14,626	12,659	9,728	—	11,059

* Averages (mean) include 10½, 11 and 12 month contract salaries converted to 9 month basis using AAUP divisors.
** Excludes graduate teaching assistants.

APPENDIX I

SIZES OF UNDERGRADUATE CLASSES TAUGHT AT SOUTH CAROLINA PUBLIC COLLEGES/UNIVERSITIES

FALL 1970 vs. FALL 1969

(Summarized from CHE Reports 24B)

		Less than 10 Students per Class	Less than 25 Students per Class	Less than 50 Students per Class
U. S. C.	1970	7%	55%	87%
(Main Campus)	1969	10%	52%	83%
Clemson	1970	10%	58%	96%
(Main Campus)	1969	9%	61%	98%
Winthrop	1970	16%	54%	96%
	1969	13%	54%	94%
Citadel	1970	7%	61%	99%
	1969	7%	67%	99%
S. C. State	1970	19%	66%	97%
	1969	27%	58%	97%
College of Charleston	1970	6%	40%	88%
Francis Marion	1970	12%	43%	89%

APPENDIX J

SIX SOUTH CAROLINA PUBLIC COLLEGES AND UNIVERSITIES

Analysis of 1969-70 Educational and General Revenues

(From CHE Reports 101)

Revenue Source	U.S.C.	Clemson (Ex. Ag.)	Winthrop	Citadel	S. C. State	Med. U. (Ex. Hsp.)
Student Fees (excluding Tuition, etc. for debt service)	23%	18%	15%	26%	5%	1%
State Appropriations (for operations)	60%	65%	79%	72%	76%	62%
Federal Appropriations	—	1%	1%	—	3%	
Sponsored Research	5%	7%	2%	—	—	11%
Other Sponsored Programs	10%	3%	3%	—	13%	10%
Recovery of Indirect Costs (of Sponsored Research/Programs)	1%	1%	—	—	1%	6%
Other Sources	1%	5%	—	2%	2%	10%
Total Educational and General Revenues	100%	100%	100%	100%	100%	100%

APPENDIX K

SIX SOUTH CAROLINA PUBLIC COLLEGES AND UNIVERSITIES

Analysis of 1969-70 Educational and General Expenditures

(From CHE Reports 101)

Expenditure Functions	U.S.C.	Clemson (Ex. Ag.)	Winthrop	Citadel	S. C. State	Med. U. (Ex. Hsp.)
Instruction & Departmental Research	52%	52%	50%	49%	48%	47%
Organized Activities Related to Educational Departments	2%	—	2%	—	4%	10%
Sponsored Research	5%	8%	2%	—	—	11%
Other Separately Budgeted Research	2%	2%	1%	—	—	—
Other Sponsored Programs	9%	3%	2%	—	13%	11%
Extension & Public Service	1%	—	—	1%	—	—
Libraries	5%	4%	8%	4%	4%	2%
Student Services	3%	7%	4%	5%	7%	—
Oper. & Maint. of Physical Plant	14%	15%	18%	23%	15%	9%
General Administration	4%	4%	6%	12%	5%	8%
General Institutional Expense	3%	5%	7%	6%	4%	2%
Total Educational and General Expenditures	100%	100%	100%	100%	10%	100%

APPENDIX L-I

UNIVERSITY OF SOUTH CAROLINA
SUMMARY OF 1969-70 REVENUES AND EXPENDITURES

(CURRENT FUNDS)
(From CHE Report 101)

REVENUES:		% of E & G	% of Total
Educational and General:			
Student Fees (excluding $2,904,798 Tuition, etc. diverted to debt service)	$ 6,184,273	23	17
State Appropriation for operations	16,333,705	60	46
Sponsored Research (including $974,462 Federal and $202,700 State)	1,397,489	5	4
Other Sponsored Programs (including $2,345,195 Federal and $55,480 State)	2,606,920	10	7
Recovery of Indirect Costs (of Sponsored Research and Programs	249,625	1	1
Other Sources (sales, rentals, services, etc.)	385,653	1	1
Total Educational and General	$27,157,665	100	76
Student Aid (including $253,409 Federal and $171,042 State)	754,143		2
Auxiliary Enterprises	7,617,397		22
TOTAL REVENUES	$35,529,205		100
EXPENDITURES:			
Educational and General:			
Instruction and Departmental Research	$14,116,818	52	40
Organized Activities Related to Educational Departments (computer center, press, etc.)	521,116	2	1
Sponsored Research	1,235,550	5	4
Other Separately Budgeted Research	649,199	2	2
Other Sponsored Programs	2,385,318	9	7
Extension and Public Service	269,811	1	1
Libraries	1,348,265	5	4
Student Services	724,556	3	2
Operation and Maintenance of Physical Plant	3,838,336	14	11
General Administration	939,507	4	3
General Institutional Expenses	868,183	3	2
Total Educational and General	$26,896,659	100	77
Student Aid	754,143		2
Auxiliary Enterprises	7,518,065		21
TOTAL EXPENDITURES	$35,168,867		100

APPENDIX L-II

WHO PAID FOR U.S.C.'S 1969-70 COSTS*?

Students:		
Fees for operations	$ 6,184,273	18%
Tuition etc. for debt service	2,904,798	8%
Required athletic and activity fees	949,039	3%
Auxiliary Enterprises (room & board, etc., excluding athletics)	5,479,944	15%
Total Students	$15,518,054	44%
State Taxpayers:		
Appropriation for operations	$16,333,705	47%
Appropriation for retirement and social security	1,974,841	6%
Student Aid	171,042	—
Total State Taxpayers	$18,479,588	53%
U. S. Taxpayers:		
Student Aid	$ 253,409	1%
Others:		
Student Aid	$ 329,692	1%
Miscellaneous	385,653	1%
Total Others	$ 715,345	2%
Total Revenues* of the University of South Carolina plus Tuition and Retirement	$34,966,396	100%

* Excluding Sponsored Programs, and non-student athletic revenues.

APPENDIX M-I

CLEMSON UNIVERSITY

(Educational and General)*

SUMMARY OF 1969-70 REVENUES AND EXPENDITURES

(CURRENT FUNDS)

(From CHE Report 101)

		% of E & G	% of Total
REVENUES:			
Educational and General:			
Student Fees (excluding $1,301,945 tuition, etc. diverted to debt service)	$ 3,020,939	18	13
State Appropriation for operations	11,123,997*	65	48
Federal Appropriation (Morrill-Nelson)	128,328	1	1
Sponsored Research (including $642,200 Federal and $190,971 State)	1,236,138	7	5
Other Sponsored Programs (including $374,501 Federal and $141,888 State)	561,154	3	2
Recovery of Indirect Costs (of Sponsored Research and Other Sponsored Programs)	186,279	1	1
Other Sources (gifts, grants, sales, services, etc.)	937,431	5	4
Total Educational and General	$17,194,266	100	74
Student Aid (including $395,951 Federal)	696,539		3
Auxiliary Enterprises (and Related Activities)	5,307,854		23
TOTAL REVENUES*	$23,198,659		100
EXPENDITURES:			
Educational and General:			
Instruction and Departmental Research	$ 9,082,568	52	38
Organized Activities Related to Educational Departments	13,666	—	—
Sponsored Research	1,350,353	8	6
Other Separately Budgeted Research	381,888	2	2
Other Sponsored Programs	425,517	3	2
Extension and Public Service	79,058	—	—
Libraries	721,612	4	3
Student Services	1,200,532	7	5
Operation and Maintenance of Physical Plant	2,505,019	15	11
General Administration	704,236	4	3
General Institutional Expense	935,272	5	4
Total Educational and General	$17,399,721	100	74
Student Aid	610,110		2
Auxiliary Enterprises and Related Activitives	5,608,631		24
TOTAL EXPENDITURES*	$23,618,462		100

* Excluding Agricultural Public Service Activities (Experiment Station, Extension Service, Inspection, etc.)

APPENDIX M-II

WHO PAID FOR CLEMSON'S 1969-70 EDUCATIONAL AND GENERAL* COSTS?

Students:		
Fees for operations	$ 3,020,939	14%
Tuition, etc. for debt service	1,301,945	6%
Required athletic and activity fees	325,000	1%
Auxiliary Enterprises and Related Activities (room & board, etc. excluding athletics, Clemson House, YMCA and faculty/staff housing)	3,321,755	15%
Total Students	$ 7,969,639	36%
State Taxpayers:		
Appropriation for operations	$11,123,997	50%
Appropriation for retirement and social security	1,387,074	6%
Total State Taxpayers	$12,511,071	56%
U. S. Taxpayers:		
Student Aid	$ 395,951	2%
Appropriation for operations (Morrill-Nelson)	128,328	—
Total U. S. Taxpayers	$ 524,279	2%
Others:		
Student Aid	$ 300,588	1%
Miscellaneous (gifts, grants, etc. plus faculty housing revenue)	1,046,431	5%
Total Others	$ 1,347,019	6%
Total Revenues of Clemson University (Educational and General)* plus Tuition and Retirement	$22,352,008	100%

* Excluding Sponsored Research, Other Sponsored Programs, Clemson House, YMCA and non-student athletic revenues.

APPENDIX N-I

WINTHROP COLLEGE
SUMMARY OF 1969-70 REVENUES AND EXPENDITURES
(CURRENT FUNDS)
(From CHE Report 101)

REVENUES:		% of E & G	% of Total
Educational and General:			
Student Fees (excluding $584,970 tuition, etc. diverted to debt services	$ 762,703	15	10
State Appropriation	3,968,400	79	50
Federal Appropriations	71,473	1	1
Sponsored Research (including $44,555 Federal and $41,430 State)	87,485	2	1
Other Sponsored Programs (including $110,899 Federal and $18,636 State)	141,988	3	2
Other Sources (private)	17,286	—	—
Total Educational and General	$5,049,335	100	64
Student Aid ($29,201 Federal; rest private)	109,495		1
Auxiliary Enterprises	2,822,994		35
TOTAL REVENUES	$7,981,824		100
EXPENDITURES:			
Educational and General:			
Instruction and Departmental Research	$2,444,633	50	32
Organized Activities Related to Educational Departments	96,259	2	1
Sponsored Research	114,350	2	1
Other Separately Budgeted Research	39,676	1	—
Other Sponsored Programs	85,974	2	1
Libraries	390,465	8	5
Student Services	215,595	4	3
Operation and Maintenance of Physical Plant	865,267	18	11
General Administration	293,306	6	4
General Instructional Expense	353,589	7	5
Total Educational and General	$4,899,144	100	63
Student Aid	80,529		1
Auxiliary Enterprises	2,756,666		100
TOTAL EXPENDITURES	$7,736,309		100

APPENDIX N-II

WHO PAID FOR WINTHROP'S 1969-70 COSTS*?

Students:		
Fees for operations	$ 762,703	9%
Tuition etc. for debt service	584,970	7%
Auxiliary Enterprises (room & board, etc. excluding $3,300 for faculty & staff housing)	2,819,694	32%
Total Students	$4,167,367	48%
State Taxpayers:		
Appropriation for operation	$3,968,400	45%
Appropriation for retirement and social security	460,411	5%
Total State Taxpayers	$4,428,811	50%
U. S. Taxpayers:		
Appropriations for operations	$ 71,473	1%
Student Aid	29,201	—%
Total U. S. Taxpayers	$ 100,674	1%
Others:		
Student Aid	$ 80,294	1%
Miscellaneous	20,586	—%
Total Others	$ 100,880	1%
Total Revenues* of Winthrop College plus Tuition and Retirement	$8,797,732	100%

* Excluding $299,473 for Sponsored Research and Other Sponsored Programs.

APPENDIX O-I

THE CITADEL

SUMMARY OF 1969-70 REVENUES AND EXPENDITURES

(CURRENT FUNDS)

(From CHE Report 101)

		% of E & G	% of Total
REVENUES:			
Educational and General:			
Student Fees (excluding $487,285 tuition, etc. diverted to debt service)	$1,256,914	26	16
State Appropriation	3,454,396	72	42
Other Sources	73,952	2	1
Total Educational and General	4,785,262	100	59
Student Aid ($131,150 Federal: rest private)	445,742		5
Auxiliary Enterprises (including $254,279 student fees for athletics and activities)	2,935,943		36
TOTAL REVENUES	$8,166,947		100
EXPENDITURES:			
Educational and General:			
Instruction and Departmental Research	$2,342,732	49	30
Extension and Public Service	33,909	1	—
Libraries	172,928	4	2
Student Services	267,532	5	3
Operation & Maintenance of Physical Plant	1,080,699	23	14
General Administration	556,638	12	7
General Instructional Expense	282,965	6	4
Total Educational and General	4,737,403	100	60
Student Aid	445,742		6
Auxiliary Enterprises (including $254,279 for athletics and student activities	2,745,622		34
TOTAL EXPENDITURES	$7,928,767		100

APPENDIX O-II

WHO PAID FOR THE CITADEL'S 1969-70 COSTS?

Students:		
Fees for operations	$1,256,914	14%
Tuition, etc. for debt service	487,285	5%
Auxiliary Enterprises (room & board, etc. excluding $43,074 for faculty quarters)	2,935,943	32%
Total Students	$4,680,142	51%
State Taxpayers:		
Appropriation for operations	$3,454,396	37%
Appropriation for retirement and social security	526,395	6%
Total State Taxpayers	$3,980,791	43%
U. S. Taxpayers:		
Student Aid	$ 131,150	1%
Others:		
Student Aid	$ 314,592	4%
Miscellaneous	117,026	1%
Total Others	$ 431,618	5%
Total Revenues of The Citadel plus Tuition and Retirement	$9,180,627	100%

APPENDIX P-I

S. C. STATE COLLEGE

SUMMARY OF 1969-70 REVENUES AND EXPENDITURES

(CURRE[illegible] FUNDS)
(From CHE Report 101)

REVENUES:		% of E & G	% of Total
Educational and General:			
Student Fees (including $242,309 tuition, etc. diverted to debt service)	$ 246,220	5	4
State Appropriation	3,943,830	76	61
Federal Appropriations	176,337	3	3
Sponsored Research (Federal)	11,455	—	—
Other Sponsored Programs ($644,403 Federal, $6,000 State)	650,403	13	10
Recovery of Indirect Costs (of Other Sponsored Programs)	61,865	1	1
Organized Activities Related to Educational Departments (including $22,537 Felton Laboratory School fees)	31,088	1	—
Other Sources	33,577	1	1
Total Educational and General	$5,154,775	100	80
Student Aid (Federal)	102,571		2
Auxiliary Enterprises (including Affiliated Activities)	1,159,504		18
TOTAL REVENUES	$6,416,850		100
EXPENDITURES:			
Educational and General:			
Instruction and Departmental Research	$2,303,029	48	37
Organized Activities Related to Educational Departments (Felton Laboratory School)	207,242	4	3
Sponsored Research	11,455	—	—
Other Sponsored Programs	650,403	13	11
Libraries	192,176	4	3
Student Services	318,314	7	5
Operation and Maintenance of Physical Plant	711,308	15	12
General Administration	265,413	5	4
General Institutional Expenses	201,115	4	3
Total Educational and General	$4,860,455	100	78
Student Aid	102,571		2
Auxiliary Enterprises (including Affiliated Activities)	1,285,048		20
TOTAL EXPENDITURES	$6,248,074		100

APPENDIX P-II

WHO PAID FOR S. C. STATE'S 1969-70 COSTS*?

Students:		
Fees for operations	$ 246,220	4%
Tuition, etc. for debt service	242,309	4%
Auxiliary Enterprises (room & board, etc., excluding about $29,000 for faculty/staff housing)	$1,130,504	18%
Total Students	$1,619,033	26%
State Taxpayers:		
Appropriation for operations	$3,943,830	62%
Appropriation for retirement and social security	386,951	6%
Total State Taxpayers	$4,330,781	68%
U. S. Taxpayers:		
Appropriation for operations	176,337	3%
Student Aid	102,571	2%
Total U. S. Taxpayers	$ 278,908	5%
Others:		
Miscellaneous	$ 93,665	1%
Total Revenues* of S. C. State College plus Tuition and Retirement	$6,332,387	100%

* Excluding $723,723 for Sponsored Research and Other Sponsored Programs.

APPENDIX Q-I

MEDICAL UNIVERSITY OF S. C.
(Academic Division)*

SUMMARY OF 1969-70 REVENUES AND EXPENDITURES
(CURRENT FUNDS)
(From CHE Report 101)

REVENUES:		% of E & G	% of Total
Educational and General:			
Student Fees (excluding $277,708 tuition and $100,872 other fees diverted to debt service)	$ 75,736	1	1
State Appropriation	8,468,429*	62	60
Sponsored Research (including $1,333,289 Federal)	1,480,281	11	10
Other Sponsored Programs (including $1,407,612 Federal)	1,431,048	10	10
Recovery of Indirect Costs (of Sponsored Research and Other Sponsored Programs)	802,147	6	6
Organized Activities Related to Educational Departments (laboratories)	1,263,944	9	9
Other Sources (miscellaneous non-governmental)	182,672	1	1
Total Educational and General	$13,704,257	100	97
Student Aid ($75,300 Federal; rest private)	114,506		1
Auxiliary Enterprises	381,651		2
TOTAL REVENUES*	$14,200,414		100
EXPENDITURES:			
Educational and General:			
Instruction and Departmental Research	$ 6,290,418	47	45
Organized Activities Relating to Educational Departments (laboratories)	1,375,450	10	10
Sponsored Research	1,480,281	11	11
Other Separately Budgeted Research	27,950	—	—
Other Sponsored Programs	1,431,048	11	10
Libraries	256,233	2	2
Student Services	50,713	—	—
Operation and Maintenance of Physical Plant	1,158,243*	9	8
Administration and General	1,091,535*	8	8
General Institutional Expenses	324,686	2	2
Total Educational and General	$13,486,557	100	96
Student Aid (including $59,588 Federal)	119,536		1
Auxiliary Enterprises	380,517		3
TOTAL EXPENDITURES*	$13,986,610		100

* Excluding Medical Public Service Activities (Hospital, Regional Medical Program, OEO)

APPENDIX Q-II

WHO PAID FOR THE 1969-70 COSTS OF THE MEDICAL UNIVERSITY'S ACADEMIC DIVISION*?

Students:		
Fees for operations	$ 75,736	1%
Tuition and fees for debt service	378,580	3%
Auxiliary Enterprises (dormitories and bookstore)	381,651	3%
Total Students	$ 835,967	7%
State Taxpayers:		
Appropriation for operations	$ 8,468,429	73%
Appropriation for retirement and social security	701,702	6%
Total State Taxpayers	$ 9,170,131	79%
U. S. Taxpayers:		
Student Aid	$ 75,300	1%
Others:		
Laboratory services	$ 1,263,944	11%
Student Aid	39,206	—%
Miscellaneous	182,672	2%
Total Others	$ 1,485,822	13%
Total Revenues of the Medical University of South Carolina (Academic Division)* plus Tuition and Retirement	$11,567,220	100%

* Excluding $3,713,476 for Sponsored Research and Other Sponsored Programs.